

South Haven Area Emergency Services Authority



2011 Annual Report

On behalf of all the men and women of the South Haven Area Emergency Services (SHAES), it is my pleasure to submit our 2011 annual report. Our department is filled with dedicated women and men who are committed to enhancing community safety and quality of life in the South Haven area.

This report cannot possibly capture all of their individual efforts, but does represent an overview of their collective accomplishments. We believe our real purpose is to minimize pain and suffering in our community. We achieve this purpose through a range of high quality, professional services such as fire suppression, fire prevention, advanced life support transport service, confined space rescue, dive rescue, ice rescue and fire inspection program.

During the past year, our department has seen the following:

- Radio Grant to upgrade all mobile radios, portable radios and pagers to meet federal mandate for radio frequency narrow banding by 2013. Grant is worth \$125,112 of radio equipment with SHAES 20% match of \$25,022.40.
- Exercise equipment purchased (cardio and strength) at all three SHAES stations.
- Purchase of three rapid intervention bags to assist trapped or downed firefighters.
- Joint water rescue training with South Haven Police Officers.
- Sale of Engine 12 to a fire department in Colombia South America.
- Replace in-house paging of emergency calls for our fulltime staff with Minitor VI pagers. This allows for all SHAES stations to receive emergency calls simultaneously.
- Installation of a three legged telephone circuit to allow for all dispatching to be done by Van Buren Dispatch in Paw Paw.
- Fulltime callback moved from radio to telephone to reduce department radio traffic.
- A Private donor paid for the kitchen at SHAES new fire station in Casco Twp. Cost exceeded \$10,000 that included cabinets, counter top and installation.
- SHAES staff inspected and tested over 12,000 feet of fire hose.
- SHAES staff inspected and flowed over 800 fire hydrants.
- OSHA voluntary inspection and review done with no serious violations.
- SHAES continues to do most of the vehicle and equipment maintenance in house by our certified mechanics. Savings from not sending out for repair.
- SHAES continues to provide in house fire, EMS, and rescue training utilizing staff instructors, savings from not hiring outside instructors.

We are proud to be your fire department and look forward to hearing from you. If you have ideas about how we can serve you better; or if you have thoughts about how we can make this report more informative, please contact me at (269) 639-1496.

Ronald Wise, Executive Director
rwise@shaes.org

2012 Authority Board Members

Chairman:	Ross Stein	South Haven Township
Vice-Chairman	Allan Overhiser	Casco Township
Secretary		
Treasurer:	Nancy Whaley	Geneva Township
Administrator:	Brian Disette	City of South Haven
Member:	Bob Burr	City of South Haven

Meeting Place: SHAES Station #3, 90 Blue Star Hwy. South Haven

Meeting Dates 2012

Wednesday	January 4	8AM
Wednesday	February 1	8AM
Wednesday	March 7	8AM
Wednesday	April 11	8AM
Wednesday	May 2	7PM
Wednesday	June 6	7PM
Wednesday	July 11	7PM
Wednesday	August 1	7PM
Wednesday	September 5	7PM
Wednesday	October 3	7PM
Wednesday	November 7	8AM
Wednesday	December 12	8AM

Fire Prevention and Public Education

South Haven Area Emergency Services strives to promote safety through education. Starting in March firefighters talked with thirteen pre-school students about first aid, what to do if someone is hurt and different equipment that is carried on the ambulance. Through the year firefighters visited three elderly housing facilities talking with tenants about basic fire and fall safety and the escape plans for their buildings were practiced and reinforced.

Firefighters visited with South Haven Baseline Middle School 8th graders during career day hosted by Lake Michigan College South Haven Campus. During the three events that were attended by approximately 65 students daily that were introduced to what it takes to be a firefighter and Paramedic and a view of their everyday activities.

Once again firefighters were asked to visit Baseline 6th grade camp held at Camp Warner. Firefighters talked with students about the importance of having an escape drill and fire safety. Students were also introduced to the use of fire extinguishers, the pros and cons of using one and then putting out a live fire on the Bullex Simulator (provided by the Albemarle Foundation).

New/Age Landmark and Albemarle Corporation employees also had the chance to benefit from our fire extinguisher simulator by attending fire extinguisher training and using the simulator.

Firefighters visited each school this year to teach students how to Stop-Drop-Cover & Roll, EDITH(Exit Drills In The Home), How to dial 911 and what to say to dispatchers, never go back into a burning building, keeping matches and lighters out of reach of younger children by telling an adult.

2011 Fire Safety Fun Fair was attended by approximately 250 Adults and children. Even though cold rainy weather was present it did not stop kids from playing the fire safety games and watching our presentations.

Through all our presentations at schools, local businesses, Elderly housing and in station tours 2,277 people were presented with education to promote safety.

This was all accomplished with the help of donations from local businesses. Twenty-Seven Local businesses donated \$2,880.00 that helped purchase fire safety handouts for the schools to prizes and food for the Fire Safety Fun Fair. We greatly appreciate the support of our local businesses for fire safety education to the citizens of the South Haven Area.



2011 SHAES Banquet

I. Welcome Retirees and Guest.

II. Swearing in of Fire Captain: Ronald Ridley.

III. Swearing in of FullTime Firefighter/Paramedic: Shawn Smith.

IV. Swearing in of Firefighters: Drexal Haner, Phillip Quinn, David Griesel.

V. Years of Service Pins:

25 Years: John Hodge, Jerry Sajewski, Allan Overhiser.

15 Years: Brad Filbrandt, Ross Stein.

10 Years: Mark Kaput, Nancy Whaley-11yrs.

VI. Citation Bars:

- Fire Instructor: Anthony Marsala.

**- Firefighter 1 & 2: Jennifer Peterson, Drexal Haner, Phillip Quinn,
Kevin Fazzini.**

- Haz-Mat Operations: Jennifer Peterson, Drexal Haner, Phillip Quinn.

- EMT-Basic: Dustin Guminski, Nick Garvison, Drexal Haner.

- Fire Officer II: James D. Quinn, Mark Kaput.

- Fire Investigator: Anthony Marsala.

**- Confined Space Rescue: Shawn Smith, Kristen Williamson,
Kimber Valentine, Arthur Haines.**

VII. Firefighters Finishing up Training:

-Firefighter 1 & 2: Terry Burrows, Tim VanHolt.

**-EMT- Paramedic: Amber Hurn, Brian Montgomery
Robert VanWynen, Kristen Williamson.**

**-Fire Officer– Brian Montgomery, Jim Lindemulder, Shawn Smith,
Art Haines.**

-EMS Instructor Coordinator: Shawn Smith.

-EVT Level 1 Certified: Tony Marsala, Keith Bierhalter, Brandon Hinz.

VIII. Family Appreciation.

IX. SHAES Leadership Award- Gerald Sajewski

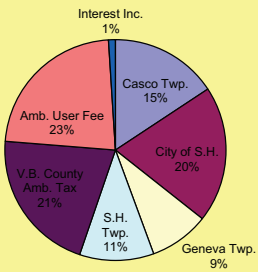
X. Firefighter of the Year- Keith Bierhalter

XI. SHAES Scholarship Announcement.

2011 BUDGET INFORMATION REVENUES

Funding Sources:	Amount	Budget Percentage
Casco Township	\$366,460.00	15.72%
City of South Haven	\$464,902.00	19.94%
Geneva Township	\$203,605.00	8.73%
South Haven Township	\$253,705.00	10.88%
Van Buren County Ambulance	\$489,699.00	21.00%
Ambulance User Fees	\$530,000.00	22.73%
Interest & Miscellaneous Income	\$23,600.00	1.01%
TOTAL	\$2,331,971.00	100.00%

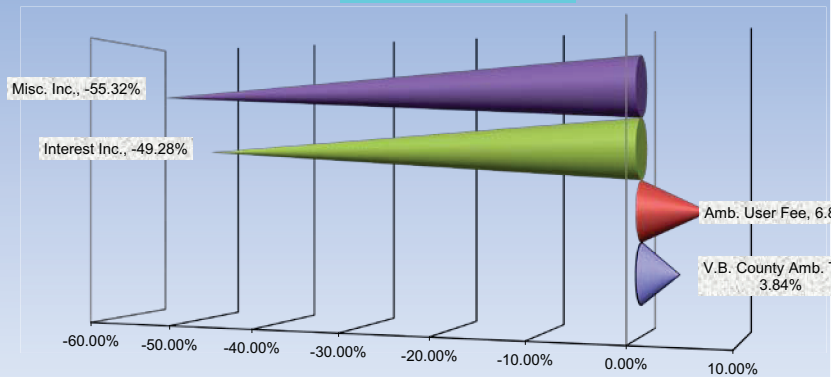
Fund Revenues



BUDGET INFORMATION - 2011 REVENUES

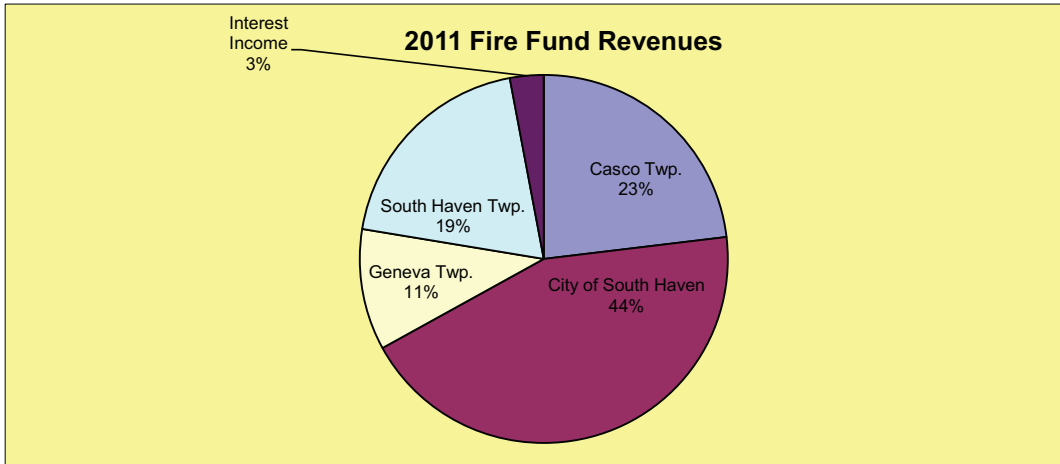
Funding Sources:	Actual Revenue	Budgeted Amount	Actual Revenue - Increase (Decrease)
Casco Township	\$366,460.00	\$366,460.00	\$0.00
City of South Haven	\$464,902.00	\$464,902.00	\$0.00
Geneva Township	\$203,605.00	\$203,605.00	\$0.00
South Haven Township	\$253,705.00	\$253,705.00	\$0.00
Van Buren County Ambulance	\$508,487.54	\$489,699.00	\$18,788.54
Ambulance User Fees	\$566,061.83	\$530,000.00	\$36,061.83
Interest Income	\$1,826.00	\$3,600.00	(\$1,774.00)
Miscellaneous	\$8,935.18	\$20,000.00	(\$11,064.82)
TOTAL	\$2,373,982.55	\$2,331,971.00	\$42,011.55

Fund Revenues Variances

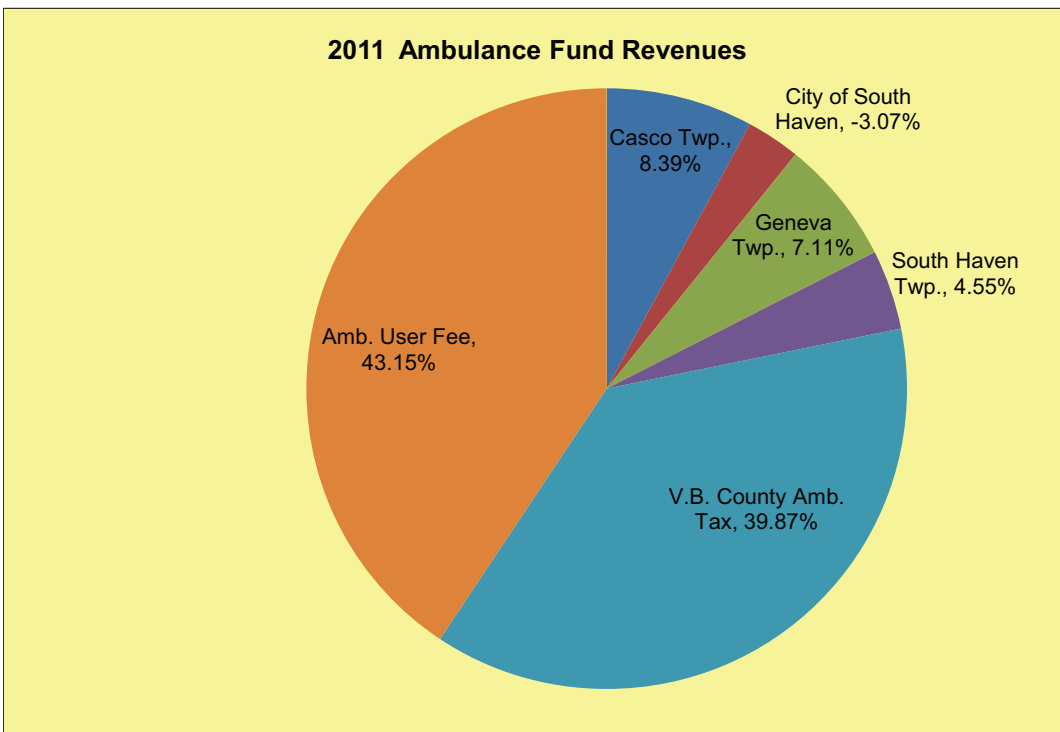


2011 FIRE & AMBULANCE REVENUE BUDGET

Fire Funding Sources:	Amount	Budget Percentage
Casco Township	\$263,436.00	23.87%
City of South Haven	\$502,656.00	45.54%
Geneva Township	\$116,245.00	10.53%
South Haven Township	\$197,807.00	17.92%
Interest & Misc. Income	\$23,600.00	2.14%
TOTAL	\$1,103,744.00	100.00%



Ambulance Funding Sources:	Amount	Budget Percentage
Casco Township	\$103,024.00	8.39%
City of South Haven	-\$37,754.00	-3.07%
Geneva Township	\$87,360.00	7.11%
South Haven Township	\$55,898.00	4.55%
Van Buren County Ambulance Tax	\$489,699.00	39.87%
Ambulance User Fees	\$530,000.00	43.15%
TOTAL	\$1,228,227.00	100.00%



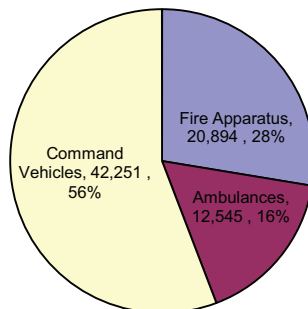
Miles Driven 2011 Apparatus

	<u>Miles</u>	<u>Percentage</u>	<u>Percentage</u>
<u>Fire Trucks:</u>			
Engine 1	269	1.29%	
Engine 2	1,426	6.83%	
Engine 3	1,657	7.93%	
Engine 12	0	0.00%	
Tower 1	677	3.24%	
Ladder 1	2,603	12.46%	
Rescue 1	826	3.95%	
Truck 3	4,645	22.23%	
Truck 4	149	0.71%	
Truck 5	6,441	30.83%	
Tanker 2	527	2.52%	
Tanker 6	758	3.63%	
Tanker 7	916	4.38%	
Total	20,894	100.00%	27.61%
<u>Ambulances:</u>			
Squad 1	462	3.68%	
Squad 2	9,955	79.35%	
Squad 3	2,128	16.96%	
Total	12,545	100.00%	16.57%
<u>Command Vehicles:</u>			
Command 1	16,094	38.09%	
Command 2	10,920	25.85%	
Dodge Van	15,237	36.06%	
Total	42,251	100.00%	55.82%
Grand Total	75,690		100.00%

Miles Driven - 2011

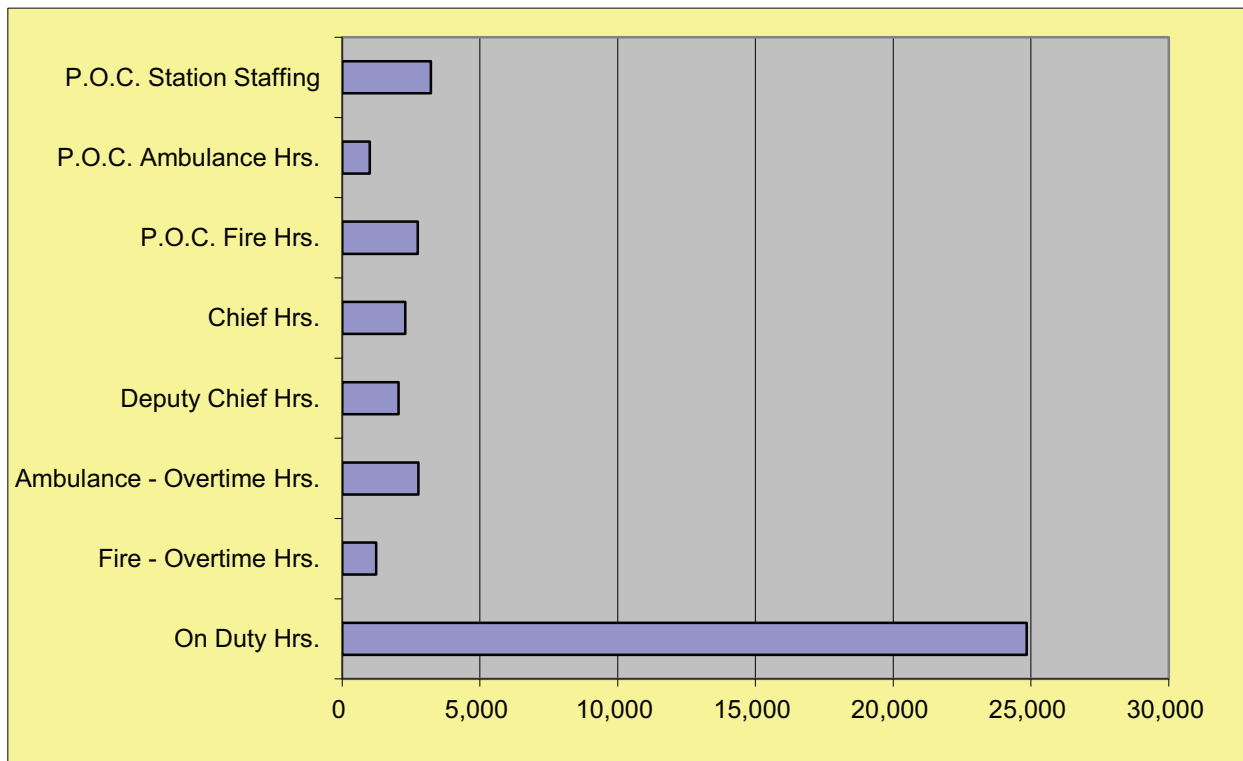
	<u>Miles</u>	<u>Percentage</u>
Fire Apparatus	20,894	27.61%
Ambulances	12,545	16.57%
Command Vehicles	42,251	55.82%
Total Miles Driven	75,690	100.00%

Miles Driven



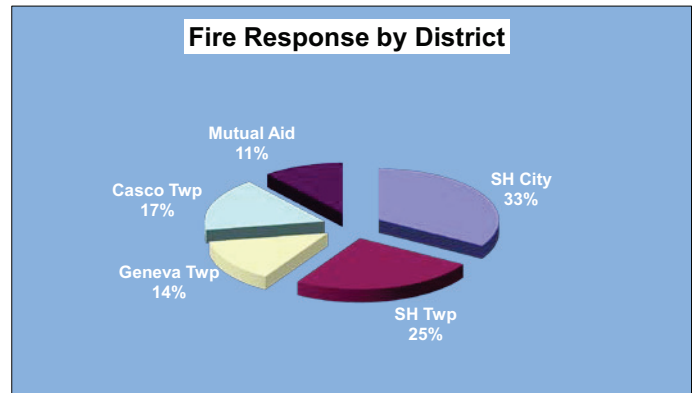
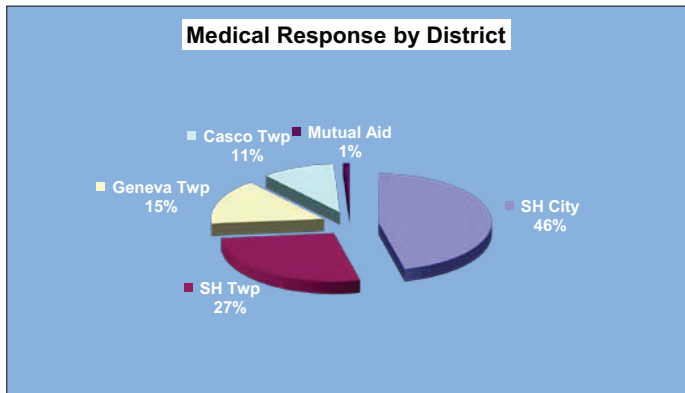
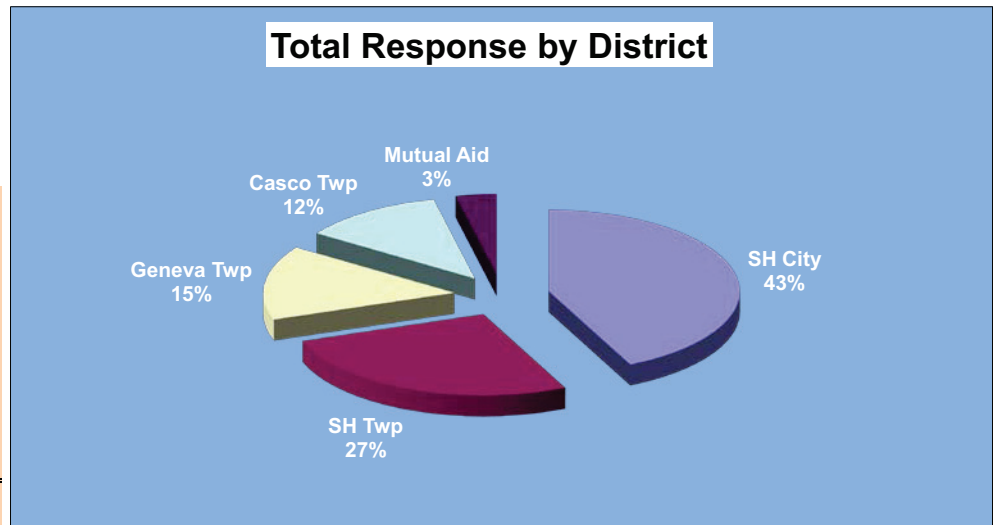
Personnel Hours - 2011

Discription:	Payroll Hours	Percentage	Three Yrs. Average Hours	Percentage
On Duty Hrs.	24,840	61.88%	24,149	59.72%
Fire - Overtime Hrs.	1,228	3.06%	1,485	3.67%
Ambulance - Overtime Hrs.	2,767	6.89%	3,111	7.69%
Deputy Chief Hrs.	2,049	5.11%	1,367	3.38%
Chief Hrs.	2,293	5.71%	2,313	5.72%
P.O.C. Fire Hrs.	2,743	6.83%	3,491	8.63%
P.O.C. Ambulance Hrs.	1,004	2.50%	1,204	2.98%
P.O.C. Station Staffing	3,216	8.01%	3,314	8.20%
Total Hours for the Year	40,140	100.00%	40,434	100.00%

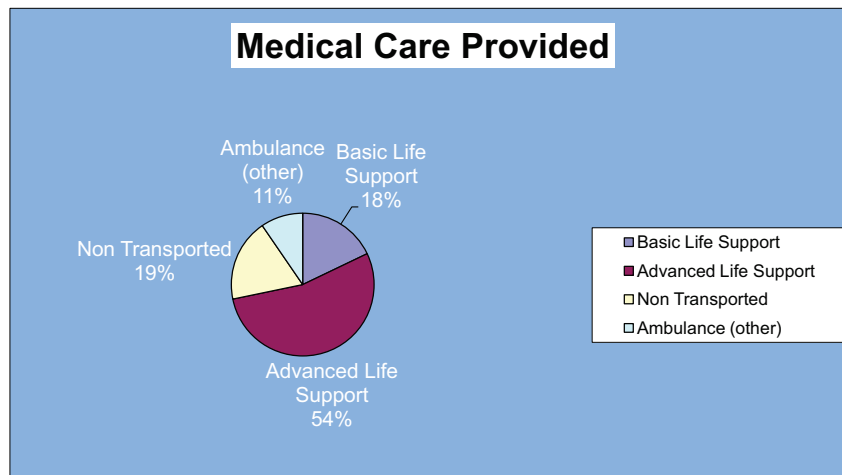


2011 Fire & Medical Responses

	Total	Amb	Fire
SH City	708	565	143
SH Twp	439	332	107
Geneva Twp	244	186	58
Casco Twp	199	127	72
Mutual Aid	57	11	46
Total	1,647	1,221	426

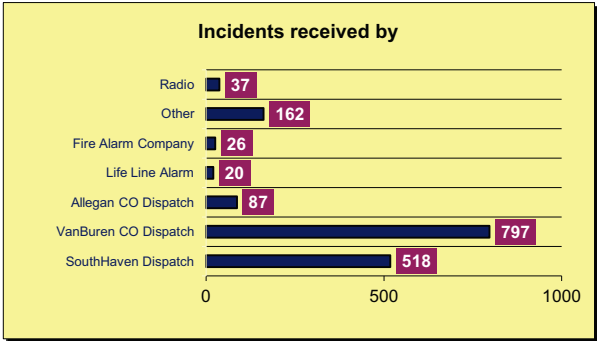


Medical Care Provided	
Basic Life Support	219
Advanced Life Support	659
Non Transported	229
Ambulance (other)	117
Total	1,221



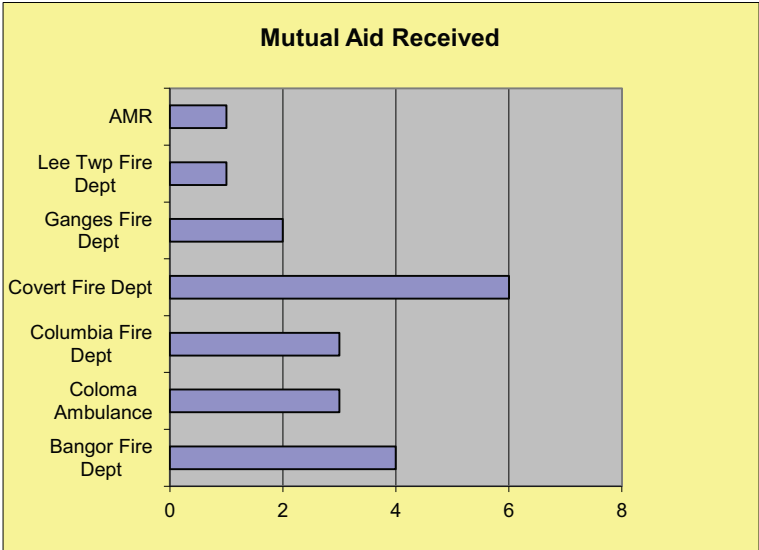
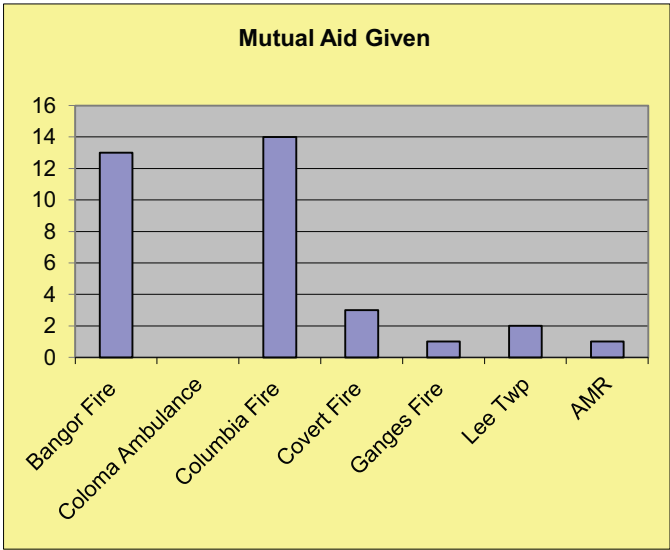
2011 Emergency and Non-Emergency Calls Answered

SouthHaven Dispatch	518
VanBuren CO Dispatch	797
Allegan CO Dispatch	87
Life Line Alarm	20
Fire Alarm Company	26
Other	162
Radio	37



2011 Mutual Aid Given and Received

Bangor Fire	13	Bangor Fire Dept	4
Coloma Ambulance	0	Coloma Ambulance	3
Columbia Fire	14	Columbia Fire Dept	3
Covert Fire	3	Covert Fire Dept	6
Ganges Fire	1	Ganges Fire Dept	2
Lee Twp	2	Lee Twp Fire Dept	1
AMR	1	AMR	1



2011 Estimated Fire Loss

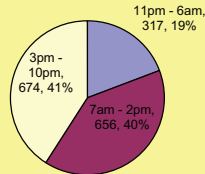
	Property Value:	Property Loss:	Property Saved:	Percent Lost	Percent Saved
South Haven City	\$5,215,000	\$76,500	\$5,138,500	1.47%	98.53%
South Haven Twp	\$216,000	\$117,000	\$99,000	54.17%	45.83%
Geneva Township	\$454,100	\$195,100	\$259,000	42.97%	57.03%
Casco Township	\$283,500	\$45,000	\$238,500	15.87%	84.13%
Total:	\$6,168,600	\$433,600	\$5,735,000	7.03%	92.97%

2011	<u>Injuries</u>	<u>Deaths</u>
Civilian	4	0
Firefighters (in station)	0	0
Firefighters (on emergency scenes)	<u>3</u>	<u>0</u>
Total	7	0

2011 Time of Day for Alarm

11pm - 6am	317
7am - 2pm	656
3pm - 10pm	674
Total	1,647

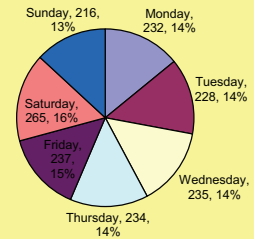
Time of Day



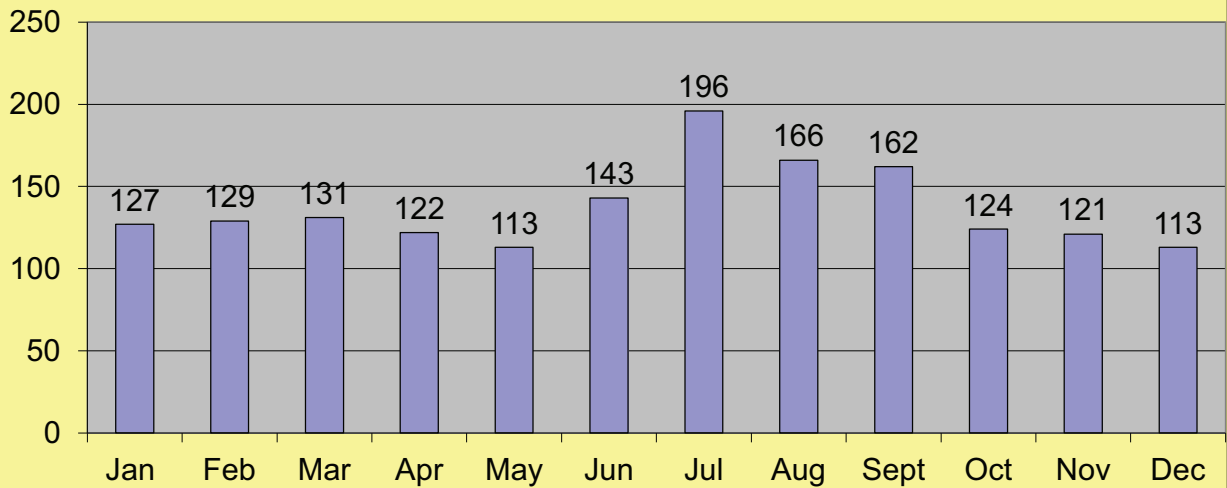
2011 Day of the Week

Monday	232
Tuesday	228
Wednesday	235
Thursday	234
Friday	237
Saturday	265
Sunday	216
Total	1,647

1,738 Calls Answered



2011 Monthly Call



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Total
2011	127	129	131	122	113	143	196	166	162	124	121	113	1647
2010	138	134	123	116	158	150	187	180	135	137	140	133	1,738
2009	137	109	152	122	114	153	143	180	157	147	155	151	1,720
2008	147	145	143	143	128	141	172	168	144	141	122	159	1,753
2007	117	99	136	114	145	160	184	206	134	126	114	146	1,681
2006	98	132	115	136	162	139	194	161	143	138	108	111	1,638
2005	112	119	128	151	147	145	166	174	140	123	138	141	1,673
2004	146	109	124	147	134	126	167	143	135	105	132	130	1,598
2003	110	138	125	127	146	135	170	182	124	138	115	128	1,639
2002	121	102	143	141	157	169	222	206	154	152	122	124	1,811
2001	132	99	111	140	147	158	165	144	110	139	129	130	1,602

Response Times

Average Response Times for All Types of Calls (Emergency and Non-Emergency)

2011	Fire	Medical	Total
South Haven City	5 Minutes	4 Minutes	4.5 Minutes
South Haven Twp	6 Minutes	6 Minutes	6 Minutes
Geneva Twp	7 Minutes	8 Minutes	7.5 Minutes
Casco Twp	8 Minutes	7 Minutes	7.5 Minutes
SHAES Authority	6.5 Minutes	6 Minutes	6 Minutes

Average response times for specific types of incidents

2011	SH City	SH Twp	Geneva Twp	Casco Twp	SHAES Authority
Structure Fires	4 Minutes	6 Minutes	7 Minutes	6 Minutes	6 Minutes
Vehicle Fires	4 Minutes	5 Minutes	8 Minutes	9 Minutes	7 Minutes
Woods/Grass Fires	5 Minutes	6 Minutes	8 Minutes	None	6 Minutes
Auto-Accident Rescues	3 Minutes	5 Minutes	6 Minutes	6 Minutes	5 Minutes
Emergency Medical Calls	4 Minutes	6 Minutes	8 Minutes	7 Minutes	6 Minutes
Motor-Vehicle Accidents	3 Minutes	5 Minutes	6 Minutes	6 Minutes	5 Minutes

2011 Training

	Hours
Fire Training	1,566
Medical Training	163
Rescue Training	523
Total	2,252.00

	Classes
Fire Training	120
Medical Training	20
Rescue Training	33
Total	173

